What is claimed is:

1.A method for selecting a specific program from a MPEG multiple program transport stream, comprising:

    5   a. receiving a multiple program transport stream which includes the transport packet;

        b. receiving the user selecting information for the specific program contained in the multiple program transport stream;

        c. finding the transport packet of the non-user-selected program from the

    10   multiple program transport stream according to the user selecting information for the specific program;

        d. setting the packet identification (PID) of the transport packet of the non-user-selected program into a specific value, which being a null packet identification.

    15   2. The method according to claim 1, wherein said specific value as the null packet identification being 0x1FFF (hexadecimal).

        3. The method according to claim 1, wherein step c comprises:

        finding the packet identification of the related transport packet from the program associated table according to the user selecting information for the

    20   specific program, the transport packet contains the program mapping list for the selected program;

finding the packet identification of the transport packet related to the selected program from said program mapping list, and creating a packet identification list of the user selected program; and

comparing the received packet identification of the transport packet with the packet identification in the packet identification list of the user selected program, to find out the transport packet of the non-user-selected program.

4. The method according to claim 1, further comprises:

e. amending the program associated table of the multiple program transport stream according to the user selecting information for the specific program.

5. A system for select ing a specific program from a M PEG multiple program transport stream, comprising:

a program stream receiving means for receiving a multiple program transport stream which includes the transfer packet;

a user information receiving means for receiving the user selecting information for the specific program contained in the multiple program transport stream;

a transport packet identifying means for finding out the transport packet of the non-user-selected program from the multiple program transport stream according to the user selecting information for the specific program;

a null packet setting means for setting the packet identification (PID) of the transport packet of the non-user-selected program into a specific value, which is a null packet identification.

6. The system according to claim 5, wherein the specific value as the null packet identification is 0x1FFF (hexadecimal).

7. The system according to the 5, wherein the transport packet identifying means comprises:

a program finding means for finding the packet identification of the related transport packet from the program associated table according to the user selecting information for the specific program; the transport packet contains the program mapping list of the selected program;

a packet identification finding means for finding the packet identification of the transport packet related to the selected program from said program mapping list, and creating a packet identification list of the user selected program;

a packet identification comparing means for comparing the received packet identification of the transport packet with the packet identification in said packet identification list of the user selected program, to find out the transport packet of the non-user- selected program.

8. The system according to claim 5, further comprises:

an information amending means for amending the program associated table of the multiple program transport stream according to the user selecting information for the specific program.

9. A method for storing a specific program from a MPEG multiple program transport stream to a storage medium, comprising:

a. receiving a multiple program transport stream which includes the transport packet;

b. receiving the user selecting information for the specific program contained in the multiple program transport stream;

c. discarding the transport packet of the non-user-selected program according to the user selecting information for the specific program;

d. storing all the non-discarded transport packet and storing a null packet at the corresponding discarding position, the effective load of the null packet contains a numerical value which indicates the number of the transport packets continuously discarded at the discarding position.

10. The method according to claim 9, further comprises:

e. storing a mark in a program information file, the mark indicates that the packet discarding has been carried out in the program transport stream.

11. The method according to claim 9, further comprises:

f. amending the program associated table of the multiple program transport stream according to the user selecting information for the specific program.

12. A system for storing a specific program from a MPEG multiple program transport stream to a storage medium, comprising:

5   a program receiving means for receiving a multiple program transport stream which includes the transfer packet;

a user information receiving means for receiving the user selecting information for the specific program contained in the multiple program transport stream;

10   a packet discarding means for discarding the transport packet of the non-user-selected program according to the user selecting information for the specific program, and inserting a null packet at the corresponding discarding position, the effective load of the null packet contains a numerical value which indicates the number of the transport packets continuously discarded at the discarding position;

15   a program storing means for storing said non-discarded transport packet and the inserted null packets.

13. The system according to claim 12, further comprises :

a information file creating means for creating a program information file, the file includes a packet discarding mark, the mark indicates that the packet

20   discarding has been carried out in the program transport stream.

14. The system according to claim 12, further comprises :

a information amending means for amending the program associated table of the multiple program transport stream according to the user selecting information for the specific program and storing a mark in a program information file, the mark indicates that the program associated table of the program has been

5   amended.

15. A method for replaying a specific MPEG transport stream from a storage medium, comprising:

reading each transport packet; and

judging whether the effective load of each null packet contains a numerical

10   value, and acquiring the numerical value if it does;

adding some null packets beside this null packet, the number of the added null packets being equal to that said numerical value minus one.

16. A method for replaying a specific MPEG transport stream from a storage medium, comprising:

15   reading each transport packet; and

judging whether the program information file of the transport stream contains a packet discarding mark, and acquiring a numerical value in the effective load of each null packet if it does; and

adding some null packets beside this null packet, the number of the added

20   null packets being equal to that said numerical value minus one.

17. A system for replaying a specific MPEG transport stream from a storage medium, comprising:

a program stream receiving means for reading each transport packet;

a null packet judging means for judging whether the effective load of each null packet contains a numerical value, and acquiring the value if it does; and

a null packet adding means for adding some null packets beside this null packet, the number of the added null packets being equal to that said numerical value minus one.

18. A system for replaying a specific MPEG transport stream from a storage medium, comprising:

a program stream receiving means for reading each transport packet;

a program information judging means for judging whether the program information file contains a packet discarding mark, and acquiring a numerical value in the effective load of each null packet if it does; and

a null packet adding means for adding some null packets beside this null packet, the number of the added null packets being equal to that said numerical value minus one

a searching module for searching the URL corresponding to the information which is not downloaded according to the searching command; and

a network management apparatus for downloading the information required in the normal status utilizing the searched URL corresponding to the information which is not downloaded while the player being in the abnormal status.